

503 REINFORCED PORTLAND CEMENT CONCRETE ALLEY

503.01 DESCRIPTION

Work consists of constructing an alley composed of PCC with wire fabric reinforcement on a prepared base course in accordance with the contract documents. Except as herein stated, all requirements specified for 501 are applicable to this specification.

503.02 CONSTRUCTION REQUIREMENTS

Construction methods shall conform to the requirements specified in 501 with the following exceptions, changes, or additions.

(A) DESIGN. Reinforced portland cement concrete alley shall be constructed in one slab the full width of the alley.

(B) PLACING CONCRETE. A mechanical spreader will not be required in placing concrete.

(C) PLACING REINFORCEMENT. Wire fabric reinforcement weighing 30 pounds per 100 square feet shall be placed in 6-inch alleys; wire 50 pounds per 100 square feet shall be placed in 7 or 8-inch alleys.

(D) FORMING JOINTS. Transverse expansion joints shall be placed at approximately 40 foot intervals.

Transverse contraction joints shall be placed at approximate intervals of 13 feet between the transverse expansion joints. These contraction joints shall consist of a groove formed with a jointing tool with a blade projection not less than 1-1/2 inches. As an alternate method, sawn joints will be permitted.

Longitudinal joints will not be required in this type construction.

(E) LOAD TRANSFER DEVICES. Load transfer devices shall be 3/4 inch in diameter.

(F) FINISHING. A finishing machine will not be required.

503.03 MEASURE AND PAYMENT

The unit of measure for Reinforced Portland Cement Concrete Alley will be the square yard. The width for measurement will be from outside to outside of the alley. The length will be the actual length measured along the center line of the riding surface.

The actual number of square yards of the specified depth, measured complete in place will be paid for at the contract unit price per square yard, which payment will be full compensation for furnishing, hauling and placing all materials including joints, load transfer devices, reinforcement, impervious material, sealing of joints, curing and for furnishing all equipment, tools, labor and incidentals necessary to complete the work as specified herein.